

Ohio Medical's Push-To-Set® Intermittent and Continuous Vacuum Regulators



Ohio Medical Corporation's Push-To-Set™ (PTS) family of vacuum regulators come with our durable, time tested, quality design you have come to know.

Clear markings
show what mode the unit is in

Top mounted on/off switch
for ease of use

Stat Set-Up
Intermittent mode starts in the "ON" cycle - No waiting

Smaller, sleek design
for tight spaces

Quietest
on the market

Fully adjustable timing cycles
preset to 15 seconds On / 8 seconds OFF

Quick-To-Max
Only 2 turns from 0 to full wall vacuum



Glow-in-the dark gauge
provides visibility in low-light situations



Patented Push-To-Set™
Built-in feature eliminates the need to occlude patient tubing to set accurate vacuum levels



Also available with a Digital Gauge
Large, easy to read display



UNMATCHED ACCURACY!
for greater safety
+/- 1% of full scale

Did You Know?

Higher than recommended suction levels are frequently set for most common suctioning procedures.

Fact: If occlude-to-set is not performed, over-suctioning may occur*

Fact: Higher than recommended suction levels may lead to tissue damage/bleeding*

Fact: Tissue tears may lead to infection*



Why PTS dramatically improves setting clinical vacuum settings

Patented Push-To-Set™ built-in feature eliminates the need to occlude patient tubing to set accurate vacuum levels



Removes a step in setting vacuum level, while ensuring greater patient safety

One simple One-handed step

*Reference Neonatal Intensive Care, May-June 2008 Issue, Article: Enhancing the Safety of Medical Suction Through Innovative Technology, by Patricia Carroll, RN, BC, CEN, RRT, MS

Push-To-Set™ Adult Intermittent Suction Regulators (ISU) (Analog or Digital)



8700-1251-900
Adult



8700-1351-900
Adult



Technical Specifications

Safety Feature:	Push-To-Set™ Automatic occlusion device Quick-To-Max (2 turns to full wall vacuum) One hand to set vacuum level
Flow Rate:	Intermittent: Preset at 8 L/min per ASTM* Continuous: 0 to 80 L/min (without fittings at full increase)
Timing:	Easily adjustable without cover or gauge removal Silent ON/OFF switching Preset 15 seconds ON / 8 seconds OFF (± 3 seconds) Front case adjustable at bedside Begins in the "ON" mode
Vacuum Range:	0 to 200 mmHg and full wall vacuum
Gauge Display:	Analog: Glow in the dark in low or no light environments Digital: Large, easy to read display with range indicators
Gauge Accuracy:	Analog: ± 10 mmHg or ± 5% Full Scale Deflection Digital: ± 2.0 mmHg or ± 1% Full Scale Deflection
Battery (Digital):	Primary Lithium: 2/3AA, 3.6V, 1.6 Ah

*American Society for Testing & Materials

Push-To-Set™ Pediatric/Neonatal Intermittent Suction Regulators (ISU) (Analog or Digital)



8700-1271-900
Pediatric



8700-1371-900
Pediatric



8700-1279-900
Neonatal



8700-1372-900
Neonatal



Technical Specifications

Safety Feature:	Push-To-Set™ Automatic occlusion device Quick-To-Max (2 turns to full wall vacuum) One hand to set vacuum level Positive Pressure Safety Relief Valve
Flow Rate:	Intermittent: preset at 8 L/min per ASTM* Continuous: 0 to 80 L/min (without fittings at full increase)
Timing:	Easily adjustable without cover or gauge removal Silent ON/OFF switching Preset 15 seconds ON / 8 seconds OFF (± 3 seconds) Front case adjustable at bedside Begins in the "ON" mode
Vacuum Range:	0 to 160 mmHg (PED) 0 to 100 mmHg (NEO)
Gauge Range:	0 to 160 mmHg (PED) 0 to 100 mmHg (NEO)
Gauge Display:	Analog: Glow in the dark in low or no light environments Digital: Large, easy to read display with range indicators
Gauge Accuracy:	
Analog:	± 8 mmHg or ±5% Full Scale Deflection
Digital:	± 1.6 mmHg or 1% of full scale deflection (PED) ± 1.0 mmHg or 1% of full scale deflection (NEO)
Battery (Digital):	Primary Lithium: 2/3AA, 3.6V, 1.6 Ah

Push-To-Set™ Adult Continuous Vacuum Regulator (CVR) (Analog or Digital)



8700-1224-900
Adult



8700-1324-900
Adult



8700-1226-900
Adult



8700-1326-900
Adult

Standard Three Mode Continuous

Modes: I (On), O (OFF), MAX

Gauge: Standard (0-200 mmHg - Full Vacuum)

Color Band: Low, Medium, High & Full Vacuum

Regulated Vacuum: 0-Full Wall Vacuum

Instantaneous Full Wall Vacuum Mode

High Three Mode Continuous

Modes: I (ON), O (OFF), MAX

Gauge: High Vacuum (0-760 mmHg)

Color Band: Solid orange/variable to orange

Regulated Vacuum: 0- Full Vacuum

Instantaneous Full Wall Vacuum Mode



8700-1225-900
Adult



8700-1325-900
Adult



8700-1330-900
Adult



8700-1430-900
Adult

Standard Two Mode Continuous

Modes: I (ON), O (OFF)

Gauge: Standard (0-200 mmHg-Full Vacuum)

Color Band: Low, Medium, High & Full Vacuum

Regulated Vacuum: 0-Full Wall Vacuum

High Two Mode Continuous

Modes: I (ON), O (OFF)

Gauge: High Vacuum (0-760 mmHg)

Color Band: Solid orange/variable to orange

Regulated Vacuum: 0-Full Wall Vacuum

Push-To-Set™ Pediatric/Neonatal Continuous Vacuum Regulator (CVR)(Analog or Digital)



8700-1231-900
Neonatal



8700-1331-900
Neonatal



8700-1234-900
Pediatric



8700-1334-900
Pediatric

Two Mode Low NEO Continuous

Modes: I (ON), O (OFF)

Gauge: Low Vacuum (0-100 mmHg)

Color Band: Low, Medium, High

Regulated Vacuum: 0-100 mmHg

Two Mode Low PED Continuous

Modes: I (ON), O (OFF)

Gauge: Low Vacuum (0-160 mmHg)

Color Band: Low, Medium, High

Regulated Vacuum: 0-130 mmHg



Technical Specifications

Safety features:	Push-To-Set™ passive, safe vacuum level selection Quick to Max - 2 turns or less to full wall vacuum resuscitation One hand to set vacuum level correctly and safely Negative Pressure Safety Relief Valve (NEO & PED Units)	
Gauge Accuracy:	Analog: $\pm 5\%$ full scale deflection Digital: $\pm 1\%$ of full scale deflection or	
	0-100 Gauge:	± 1.0 mmHg
	0-160 Gauge:	± 1.6 mmHg
	0-200 Gauge:	± 2.0 mmHg
	0-760 Gauge:	± 7.6 mmHg
Vacuum Range:	0-100 mmHg (NEO); 0-130 mmHg (PED); 0-200 mmHg and up to full wall vacuum (Standard); 0-760 mmHg (High)	
Gauge Display:	Analog: Glow in the dark in low or no light environments Digital: Large, easy to read display	
Flow Rate:	Adult:	0-80 Lpm without fittings at full increase
	Low NEO/PED:	0-50 Lpm without fittings at full increase
Battery:	Primary Lithium	2/3AA, 3.6V, 1.6 Ah

Color Coding Labels

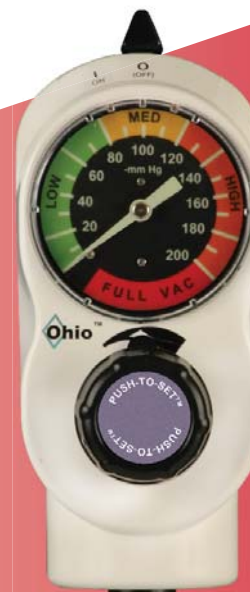
Color Code your Push-To-Set™ ISU or CVR Vacuum Regulators.

A solution for labeling your regulators to show department ownership or special clinical applications.

Can be used on either Analog or Digital Regulators



Intermittent Suction Unit



Continuous Vacuum Regulator



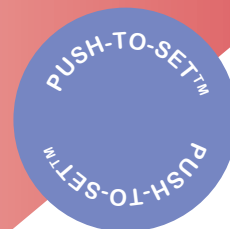
8700-0010-101
GOLD
(5 labels/order)



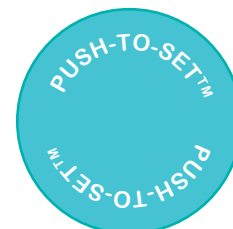
8700-0010-102
PEACH
(5 labels/order)



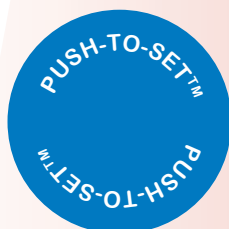
8700-0010-103
WATERMELON
(5 labels/order)



8700-0010-104
PURPLE
(5 labels/order)



8700-0010-105
TEAL
(5 labels/order)



8700-0010-106
BLUE
(5 labels/order)



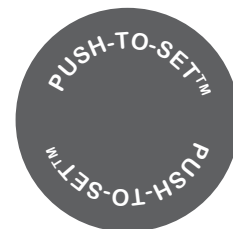
8700-0010-107
LIGHT GRAY
(5 labels/order)



8700-0010-108
PINK
(5 labels/order)



8700-0010-109
LIME
(5 labels/order)



8700-0010-110
DARK GRAY
(5 labels/order)

Color Coding

Color Code your Push-To-Set™ Digital ISU or CVR Vacuum Regulators.

A solution for labeling your regulators to show department ownership or special clinical applications.

Color cases are only available with a digital gauge.



Blue



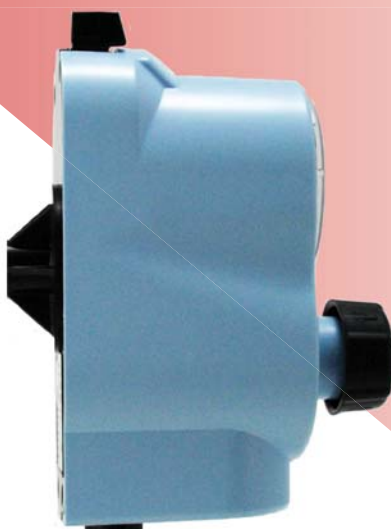
Yellow



Purple



Pink



Lt. Blue



Red

Additional colors are available for an additional charge.
Please contact inside sales at 866-549-6446, Option 1

Ordering Matrix - Intermittent Suction Unit

87 XX - XXXX - 9 XX

Push-To-Set™ Series

Adapter (vacuum source connection)

No Adapter with 1/8" NPT Female	00
Ohio Diamond	01
DISS Hand-I-Twist (HIT)	02
DISS Nut & Gland	03
Schrader	04
Chemetron Rectangle Striker (NCG)	05
Puritan-Bennett	07
O.E.S. Twist	08
O.E.S. MedStar	09
90° Tubing Nipple	11

Fittings (patient connection)

No Fitting 1/8" NPT Female	00
Tubing Nipple	01
Locking Gland	04
Locking Gland & Overflow Safety Trap	05
Trap	07
DISS Male	08
DISS Male & Overflow Safety Trap, DISS Wing Nut & Gland	28
Pole Mount Bracket with Locking Gland & Overflow Safety Trap	29
Pole Mount Bracket with Tubing Nipple	

Vacuum Regulator Type

Analog:

Intermittent Suction Unit	*1251
Pediatric Intermittent Suction Unit	1271
Neonatal Intermittent Suction Unit	1279

Digital:

Intermittent Suction Unit	1351
Pediatric Intermittent Suction Unit	1371
Neonatal Intermittent Suction Unit	1372

*MR Conditional

Digital PTS Regulators	Yellow	Blue	Pink	Red	Lt. Blue	Purple
Intermittent Suction Unit	1451	1551	1651	1751	1851	1951
Intermittent Suction Unit/Pediatric	1471	1571	1671	1771	1871	1971
Intermittent Suction Unit/Neonatal	1472	1572	1672	1772	1872	1972

Overflow Safety Traps and Filters

Overflow Safety Traps



Overflow Safety Trap with Locking Gland
6700-0365-901



Overflow Safety Trap with Hand-I-Twist (HIT)
6702-0365-901




Overflow Safety Trap with DISS Wing Nut & Gland
6703-0365-901



Overflow Safety Trap with DISS Male Adapter
6714-0365-901


Filters



Tubing x Tubing nipple

Package of 10
Package of 50

6730-0571-800
6730-0572-800

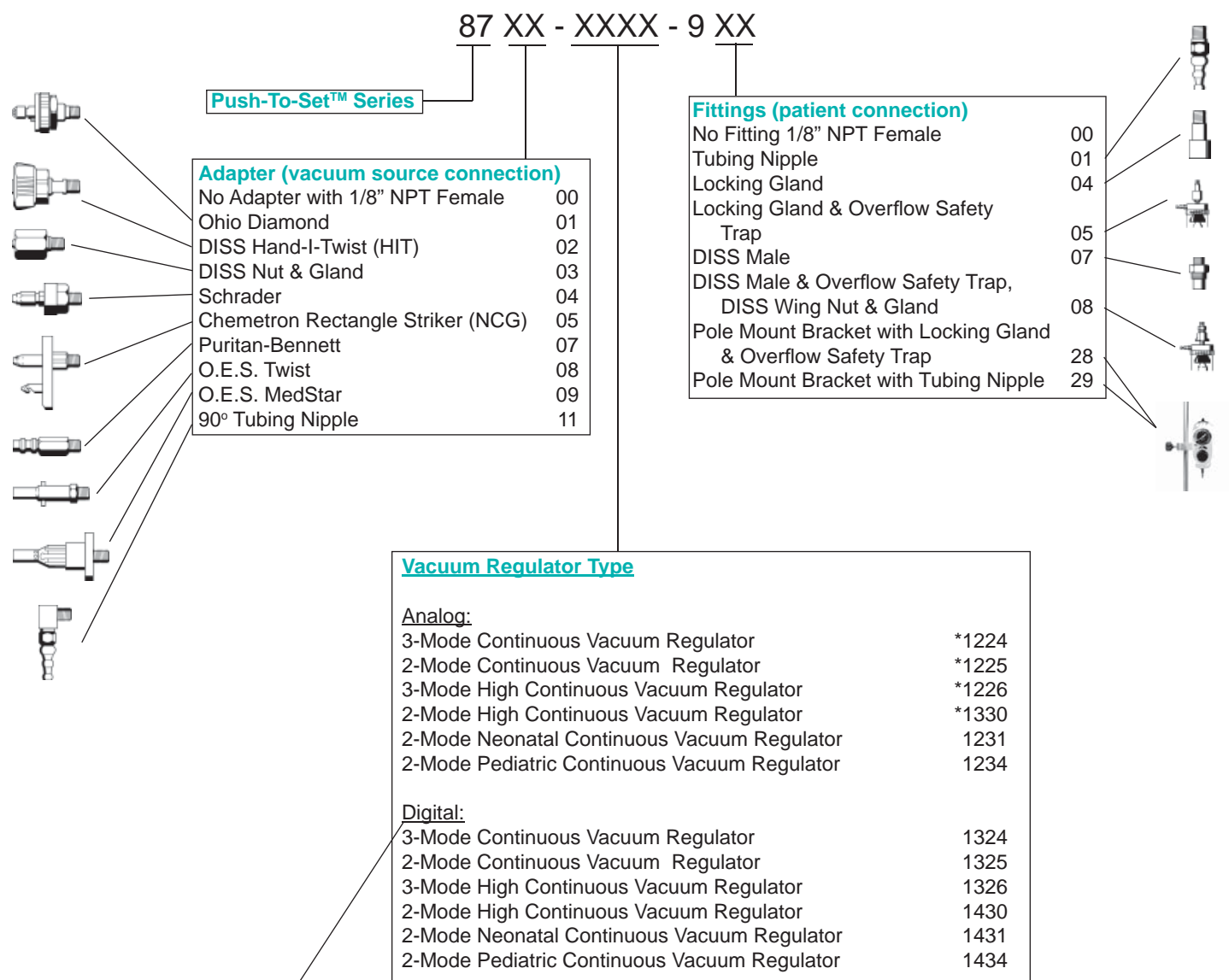


1/8" NPT Threaded x Tubing nipple

Package of 10
Package of 50

6730-0581-800
6730-0582-800

Ordering Matrix - Continuous Vacuum Regulator



*MR Conditional

Digital PTS Regulators	Yellow	Blue	Pink	Red	Lt. Blue	Purple
3-Mode Standard CVR	1424	1524	1624	1724	1824	1924
3-Mode High CVR	1426	1526	1626	1726	1826	1926
2-Mode Standard CVR	1425	1525	1625	1725	1825	1925
2-Mode High CVR	1530	1630	1730	1830	1930	2030
2-Mode NEO(0-100mmHg) CVR	1431	1531	1631	1731	1831	1931
2-Mode PED (0-160mmHg) CVR	1434	1534	1634	1734	1834	1934



Medical Corporation®

always there | for life

Suction & Oxygen Therapy Devices
Portable Suction Machines
Medical Gas Pipeline Equipment
Vacuum & Air Compressor Packages and Accessories

Ask about our clinical excellence program



Part 1: Clinical Animation Video

“Avoiding the hazards of inadvertent administration of high suction pressures”

Part 2: Clinical Video

Understanding the Hazards of oversuctioning

Both videos can be viewed on our website: www.ohiomedical.com

Vacuum Regulators - Quick Reference Chart

Type of Regulator	Model Type	Adult	Pediatric	Neonatal
Push-To-Set™ Intermittent Suction Unit (Analog)		X	X	X
Push-To-Set™ Continuous Vacuum Regulator (Analog)		X	X	X
Push-To-Set™ Intermittent Suction Unit (Digital)		X	X	X
Push-To-Set™ Continuous Vacuum Regulator (Digital)		X	X	X
Intermittent Suction Unit (Analog)		X	X	
Continuous Vacuum Regulator (Analog)		X	X	
Thoracic Vacuum Regulator (Analog)		X		
Surgical/Free-Flow Vacuum Regulator (Analog)		X		

ISO13485



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www.ohiomedical.com

P/N 255419 Rev.4 (09/2011)

Vacuum Regulators

Ohio Medical™ has been providing suction products to healthcare facilities worldwide for 50 years. Our vacuum regulators continue to be the preferred choice for maximum performance, high quality and minimum maintenance.




Surgical/Free-Flow is uniquely designed for high-vacuum O.R. needs and can be ordered for specialty O.R. procedures involving autotransfusion and minimally-invasive cardiac surgery.

The Thoracic chest drainage regulator makes an inexpensive “wet” chest drain into a highly accurate “dry” one.

All Vacuum Regulators feature:

- Lightweight, compact design
- Impact-resistant, corrosion-free, rugged construction
- Easy-to-read, color-coded gauge ranges
- Glow-in-the-dark gauge needle and increments
- Dependable, time-tested gauges and controls
- Low maintenance, easy service
- Comprehensive ten year parts and labor warranty (regulator only)

Vacuum Regulator Specifications

	Surgical/Free-Flow Standard Gauge	Surgical/Free-Flow High Gauge	Thoracic
			
Features			
Mode Selection:			
On (regulate)	Yes	Yes	Yes
Off	Yes	Yes	Yes
Max (full line)	No	No	No
Intermittent	No	No	No
Continuous	No	No	No
Regulated Vacuum Range	0-200 mmHg Quick Turn Control Knob from 0 to Full Vacuum(one turn)	0-760 mmHg Quick Turn Control Knob from 0 to Full Vacuum (one turn)	0-50 cm H ₂ O Vacuum
Gauge Accuracy (Analog)	+/- 5% Full Scale Deflection		+/- 3 cm H ₂ O
Gauge Color Band	Low,Med,High & Full Vacuum	High	Low
Flow rate	0-150 LPM without fittings at full increase	0-150 LPM without fittings at full increase	0-40 LPM at full increase
*MR Conditional	No	No	No
Weight	23 oz.		15 oz.
Overall Dimensions	7.0"H x 3.5"W x 4/6"D		7.2"H x 3/5"W x 4.3"D
Standards	Conforms to ISO 10079-3 and ASTM F960 for all		
Parts Repair Kits	Available		
Service Manual	Available		

Surgical/Free-Flow Vacuum Regulators

Surgical/Free-Flow Vacuum Regulator is specifically designed to provide high flow rates and minimal restriction in the Operating Room and other areas where high levels of suction are required. It provides reliable, full-range aspiration for continuous flow suction procedures and is equipped with many convenient, easy-to-use features to facilitate surgical and emergency suctioning.

Other features include:

- Two models available to meet your needs
 - Surgical/Free-Flow regulates vacuum levels at Low, Medium and High levels up to full vacuum with gauge increments up to 200 mmHg
 - High Surgical/Free-Flow regulates vacuum up to 760 mmHg and can test maximum pressure from wall outlets
- Straight-through suction control – Provides high flow rates up to 150 LPM and prevents buildup of aerosols; reduces clogging and downtime
- Full Range Regulation – Regulates at Low, Medium and High settings up to full line vacuum.
- Quick Flip On/Off Switch – Observable On position
Turns On to preset level.
Can be turned off with elbow (useful when scrubbed)
- Diagnostic Window – Direct observation of mechanical workings Simple access for cleaning and repairs
- Interchangeable modular parts
- Full Ten Year Parts and Labor Warranty (regulator only)
- Options for specialty O.R. procedures, autotransfusion and minimally-invasive cardiac surgery



Surgical/Free-Flow Vacuum Regulator Ordering Matrix

Fittings (Patient Connection)	Adapter (Vacuum Source Connection)									
	No Adapter w/1/8" NPT	Ohio Diamond	DISS (HIT)	DISS Nut & Gland	Schrader	Chemetron Rectangle Striker (NCG)	Puritan Bennett	O.E.S. Twist	O.E.S. Med Star	90° Tubing Nipple
No Fitting 1/8" NPT Female	6700- 1246-900	6701- 1246-900	6702- 1246-900	6703- 1246-900	6704- 1246-900	6705- 1246-900	6707- 1246-900	6708- 1246-900	6709- 1246-900	6711- 1246-900
Tubing Nipple	6700- 1246-901	6701- 1246-901	6702- 1246-901	6703- 1246-901	6704- 1246-901	6705- 1246-901	6707- 1246-901	6708- 1246-901	6709- 1246-901	6711- 1246-901
1/2 Gallon Collection Bottle						6705- 1246-902	6707- 1246-902	6708- 1246-902		
Locking Gland	6700- 1246-904	6701- 1246-904	6702- 1246-904	6703- 1246-904	6704- 1246-904	6705- 1246-904	6707- 1246-904	6708- 1246-904	6709- 1246-904	6711- 1246-904
Locking Gland & Overflow Safety Trap	6700- 1246-905	6701- 1246-905	6702- 1246-905	6703- 1246-905	6704- 1246-905	6705- 1246-905	6707- 1246-905	6708- 1246-905	6709- 1246-905	6711- 1246-905
DISS Male	6700- 1246-907	6701- 1246-907	6702- 1246-907	6703- 1246-907	6704- 1246-907	6705- 1246-907	6707- 1246-907	6708- 1246-907	6709- 1246-907	6711- 1246-907
DISS Male & Overflow Safety Trap, DISS Wing Nut & Gland	6700- 1246-908	6701- 1246-908	6702- 1246-908	6703- 1246-908	6704- 1246-908	6705- 1246-908	6707- 1246-908	6708- 1246-908	6709- 1246-908	6711- 1246-908
DISS Male, 2" extension adapter between adapter and regulator	6700- 1246-926	6701- 1246-926	6702- 1246-926	6703- 1246-926	6704- 1246-926	6705- 1246-926	6707- 1246-926	6708- 1246-926	6709- 1246-926	6711- 1246-926

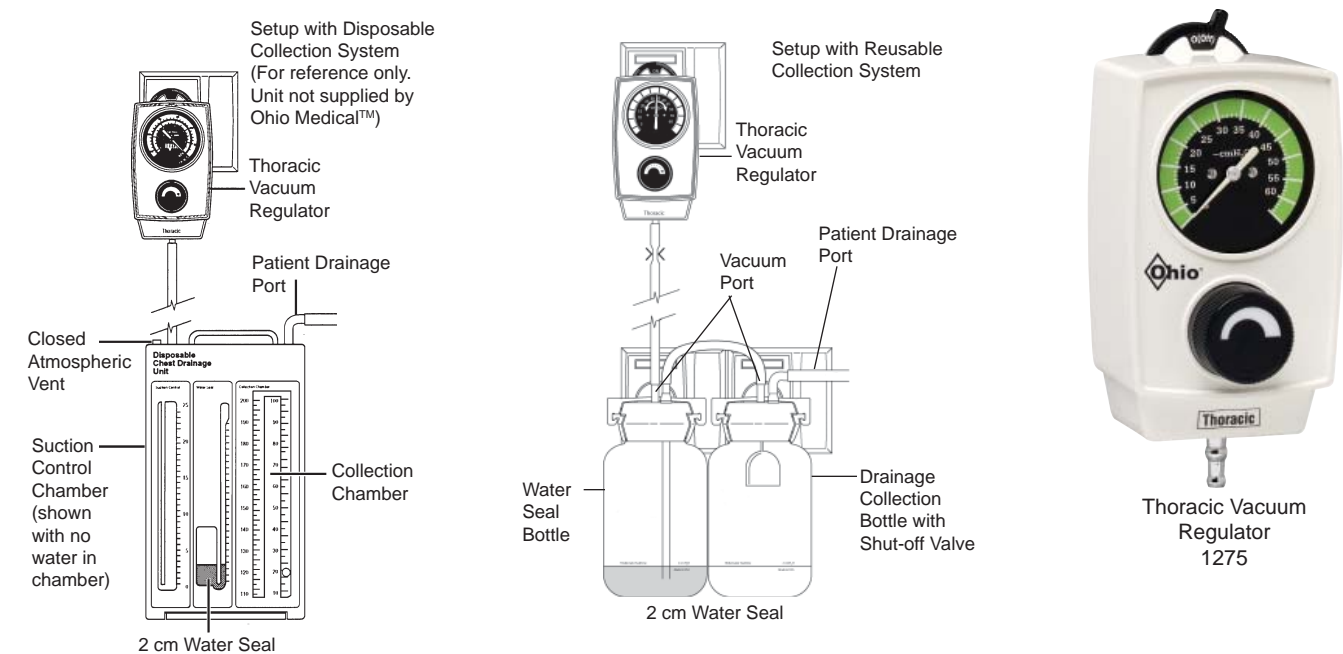
To order with High gauge, replace 1246 with 1247

Thoracic Vacuum Regulator

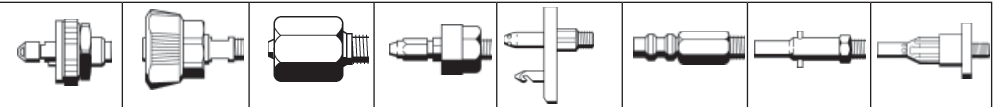
The unique Thoracic Vacuum Regulator brings precision and convenience to pleural and mediastinal drainage procedures. When combined with a water seal and collection bottle (or disposable chest drainage systems), this regulator provides improved performance and flexibility over traditional methods of chest drainage. The Thoracic Vacuum Regulator is designed to maintain accurate and stable negative pressure at very low, accurate suction levels while providing maximum flow rates for keeping up with air-leaks in the lung.

Other features include:

- Automatically compensates for vacuum fluctuations (i.e. leaks) at the catheter or wall outlet
- Extremely accurate analog gauge measures in world-standard cm H₂O
- Fine-tuning suction control knob – Moves slowly and precisely, taking 5 full turns to span entire gauge range
- Positive Pressure Relief Valve – Vents positive pleural pressure or accidental positive pressure away from the patient and system
- Pressure Limiting Valve – Prevents negative pressure from exceeding 55 cm H₂O
- Silent Vacuum Control – Eliminates bubbling noise associated with water manometers
- Delivers High Flow Rates – At least 40 LPM at full increase dependent upon vacuum supply and set up
- Extended Range – Provides higher negative pressures required for multiple chest tubes and other applications
- Full Ten Year Parts & labor Warranty (regulator only)
- Makes an inexpensive “wet” chest drain into a highly accurate “dry” one














Thoracic Vacuum Regulator Ordering Matrix

Fittings (Patient Connection)									
	Adapter (Vacuum Source Connection)								
	No Adapter w/1/8" NPT	Ohio Diamond	DISS (HIT)	DISS Nut & Gland	Schrader	Chemetron Rectangle Striker (NCG)	Puritan Bennett	O.E.S. Twist	O.E.S. Med Star
Tubing Nipple	6700-1275-901	6701-1275-901	6702-1275-901	6703-1275-901	6704-1275-901	6705-1275-901	6707-1275-901	6708-1275-901	6709-1275-901
Locking Gland	6700-1275-904	6701-1275-904	6702-1275-904	6703-1275-904	6704-1275-904	6705-1275-904	6707-1275-904	6708-1275-904	6709-1275-904

Vacuum Regulators with Pre-configured Mounting Options

Vacuum Regulator Ordering Matrix

											
Model	Multipurpose Therapy Stand (MPTS), Regulator, 90° Tubing Nipple, MPTS Slide Brackets (2) & Retaining Clips (2), Overflow Safety Trap	Regulator, 90° Tubing Nipple with DISS Male, 30° Fitting, Overflow Safety Trap	Regulator, 90° Tubing Nipple & Dovetail Rail, Swing Arm Bracket, Overflow Safety Trap	Regulator, 90° Tubing Nipple & MPTS Swing Arm Bracket, Overflow Safety Trap	Regulator, 90° Tubing Nipple & Threaded Locking Gland	Regulator, 90° Tubing Nipple & Chrome Bottle Bracket, Threaded 45° Locking Gland, Overflow Safety Trap	Regulator, Tubing Nipple with 45° Threaded Locking Gland	Regulator with Ohio Diamond Ceiling Mount, DISS Male	Regulator with Ohio Diamond Ceiling Mount, 1/8" NPT Female	Regulator with Ohio Diamond Ceiling Mount, Tubing Nipple	Regulator with Ohio Diamond, Locking Gland, Overflow Safety Trap
Surgical/Free-Flow	6711-1246-914	6711-1246-930	6711-1246-935	6711-1246-913	6711-1246-919	6711-1246-915	6710-1246-910	6712-1246-907	6712-1246-900	6712-1246-901	6712-1246-905
High Surgical/Free-Flow	6711-1247-914	6711-1247-930	6711-1247-935	6711-1247-913	6711-1247-919	6711-1247-915	6710-1247-910	6712-1247-907	6712-1247-900	6712-1247-901	6712-1247-905
PTS 3-Mode CVR (Ana)	8711-1224-914	8711-1224-930	8711-1224-935	8711-1224-913	8711-1224-919	8711-1224-915	8710-1224-910	8712-1224-907			
PTS 3-Mode High CVR (Ana)	8711-1226-914	8711-1226-930	8711-1226-935	8711-1226-913	8711-1226-919	8711-1226-915	8710-1226-910	8712-1226-907			
PTS 2-Mode CVR (Ana)	8711-1225-914	8711-1225-930	8711-1225-935	8711-1225-913	8711-1225-919	8711-1225-915	8710-1225-910	8712-1225-907			
PTS 2-Mode PED CVR (Ana)	8711-1234-914	8711-1234-930	8711-1234-935	8711-1234-913	8711-1234-919	8711-1234-915	8710-1234-910	8712-1234-907			
PTS 2-Mode High CVR (Ana)	8711-1330-914	8711-1330-930	8711-1330-935	8711-1330-913	8711-1330-919	8711-1330-915	8710-1330-910	8712-1330-907			
PTS 2-Mode NEO CVR (Ana)	8711-1231-914	8711-1231-930	8711-1231-935	8711-1231-913	8711-1231-919	8711-1231-915	8710-1231-910	8712-1231-907			
PTS ISU (Ana)	8711-1251-914	8711-1251-930	8711-1251-935	8711-1251-913	8711-1251-919	8711-1251-915	8710-1251-910	8712-1251-907			
PTS PED ISU (Ana)	8711-1271-914	8711-1271-930	8711-1271-935	8711-1271-913	8711-1271-919	8711-1271-915	8710-1271-910	8712-1271-907			
PTS 3-Mode CVR (Dig)	8711-1324-914	8711-1324-930	8711-1324-935	8711-1324-913	8711-1324-919	8711-1324-915	8710-1324-910	8712-1324-907			
PTS 3-Mode High CVR (Dig)	8711-1326-914	8711-1326-930	8711-1326-935	8711-1326-913	8711-1326-919	8711-1326-915	8710-1326-910	8712-1326-907			
PTS 2-Mode CVR (Dig)	8711-1325-914	8711-1325-930	8711-1325-935	8711-1325-913	8711-1325-919	8711-1325-915	8710-1325-910	8712-1325-907			
PTS 2-Mode PED CVR (Dig)	8711-1334-914	8711-1334-930	8711-1334-935	8711-1334-913	8711-1334-919	8711-1334-915	8710-1334-910	8712-1334-907			
PTS 2-Mode High CVR (Dig)	8711-1430-914	8711-1430-930	8711-1430-935	8711-1430-913	8711-1430-919	8711-1430-915	8710-1430-910	8712-1430-907			
PTS 2-Mode NEO CVR (Dig)	8711-1331-914	8711-1331-930	8711-1331-935	8711-1331-913	8711-1331-919	8711-1331-915	8710-1331-910	8712-1331-907			
PTS ISU (Dig)	8711-1351-914	8711-1351-930	8711-1351-935	8711-1351-913	8711-1351-919	8711-1351-915	8710-1351-910	8712-1351-907			
PTS PED ISU (Dig)	8711-1371-914	8711-1371-930	8711-1371-935	8711-1371-913	8711-1371-919	8711-1371-915	8710-1371-910	8712-1371-907			

To order the PTS Digital in different colors, replace the middle 4 digits with the appropriate part number (See page 13 for the colors available)

All products may not be available in all regulatory jurisdictions.
Information/products in this catalog subject to change without notice.



Vacuum Regulators with Pre-configured Mounting Options

For Dovetail Rails



Regulator and Manifold Bracket

Regulator with Hand-I-Twist (HIT) DISS adapter, DISS Overflow Safety Trap, Manifold Bracket with one DISS male and two DISS male checks

PTS Intermittent Suction Unit
8721-1251-908

PTS Two Mode Continuous Vacuum Regulator
8721-1225-908

PTS Two Mode NEO Continuous Vacuum Regulator
8721-1231-908 (Analog)
8721-1331-908 (Digital)

PTS Two Mode PED Continuous Vacuum Regulator
8721-1234-908 (Analog)
8721-1334-908 (Digital)

For Pole Mounting



Surgical/Free-Flow Regulator and IV Pole Bracket

Regulator with two tubing nipples and pole mount bracket

Surgical/Free-Flow
6710-1246-929

High Surgical/Free-Flow
6710-1247-929

High Surgical/Free-Flow Regulator with tubing nipple, locking gland Overflow Safety Trap and pole mount bracket
6710-1247-928

Venturi Backpack Push-To-Set™ Vacuum Regulators



The unique Venturi Backpack Vacuum Regulator is the only Venturi system that delivers high flow, regulated vacuum from a medical air or oxygen gas source through a normal hospital vacuum regulator. This gas-powered system is whisper quiet and provides a high rate of flow while minimizing gas consumption.

As an alternative to electric suction, the Venturi Backpack Vacuum Regulator is ideal for use when limited number of wall vacuum outlets are available.

This state-of-the-art technology provides true regulated suction when using compressed gas for all sensitive clinical applications including: upper airway management, gastric drainage and pleural/chest drainage. Great for portable e-cylinder applications also.



Venturi Backpack Push-To-Set™ Vacuum Regulator Specifications

	Three Mode Continuous (PTS-CVR) with backpack	Three Mode High (PTS-CVR) with backpack	Two Mode Continuous (PTS-CVR) with backpack	Two Mode High (PTS-CVR) with backpack	Two Mode PED (PTS-CVR) with backpack	Two Mode NEO 0-100mmHg (PTS-CVR) with backpack	Intermittent Suction Unit (PTS-ISU) with backpack	Pediatric Intermittent Suction Unit (PTS-ISU) with backpack
Features								
	Mode Selection:							
On (regulate)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Max (full line)	Yes	Yes	No	No	No	No	No	No
Intermittent	No	No	No	No	No	No	Yes	Yes
Continuous	No	No	No	No	No	No	Yes	Yes
Regulated Vacuum Range	0-760 mmHg Full Vacuum	0-760 mmHg Full Vacuum	0-760 mmHg Full Vacuum	0-760 mmHg Vacuum	0-140 mmHg Vacuum	0-100 mmHg Vacuum	0-760 mmHg Vacuum	0-140 mmHg Vacuum
Gauge Range	0-200 mmHg Full vacuum	0-760 mmHg Vacuum	0-200 mmHg Full Vacuum	0-760 mmHg Vacuum	0-160 mmHg Vacuum	0-160 mmHg Vacuum	0-200 mmHg Full Vacuum	0-160 mmHg Vacuum
Gauge Accuracy (Analog)	+/- 5% Full Scale Deflection							
Gauge Accuracy (Digital)	+/- 1% of Full Scale							
Gauge Color Band	Low,Med,High & Full Vacuum	High	Low,Med,High & Full Vacuum	High	Low,Med,High	Low,Med,High	Low,Med,High & Full	Low,Med,High
Flow rate	>35 LPM	>35 LPM	>35 LPM	>35 LPM	>30 LPM	>30 LPM	>35 LPM (regulated mode) >8 LPM (intermittent mode)	
Noise Level	<60 dBa with 60 psi supply pressure and open vacuum flow and <50 dBa with 10 LPM vacuum flow							
Compressed air or medical gas consumption with inlet pressure	30 LPM with 50 psi • 25 LPM with 60 psi pressure							
*MR Conditional	Yes	Yes	Yes	Yes	No	No	Yes	No
Weight	25 oz.						41 oz.	
Overall Dimensions	7.5"H x 4.3"W x 5.5"D						6.7"H x 4.3"W x 4.9"D	
Standards	Conforms to ISO 10079-3 and ASTM F960 for all except Two Mode NEO/PED Continuous							
Parts Repair Kits	Available							
Service Manual	Available							

* MR Conditional (see note on page 3)


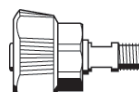
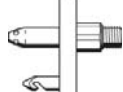
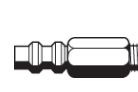


All products may not be available in all regulatory jurisdictions.
Information/products in this catalog subject to change without notice.

Venturi Backpack with Push-To-Set™ Vacuum Regulator

Venturi Backpack with Push-To-Set™ Regulator - Ordering Matrix

Regulator (Analog)	Air Adapter**	Oxygen Adapter**
PTS 3-Mode Continuous Regulator	2224	3224
PTS 2-Mode Continuous Regulator	2225	3225
PTS 3-Mode High Continuous Regulator	2226	3226
PTS 2-Mode High Continuous Regulator	2330	3330
PTS 2-Mode NEO Continuous Regulator	2231	3231
PTS 2-Mode PED Continuous Regulator	2234	3234
PTS Intermittent Suction Unit	2251	3251
PTS Pediatric Intermittent Suction Unit	2271	3271

Regulator (Digital)	Air Adapter**	Oxygen Adapter**
PTS 3-Mode Continuous Regulator	4224	5224
PTS 2-Mode Continuous Regulator	4224	5225
PTS 3-Mode High Continuous Regulator	4226	5226
PTS 2-Mode High Continuous Regulator	4330	5330
PTS 2-Mode NEO Continuous Regulator	4231	5231
PTS 2-Mode PED Continuous Regulator	4234	5234
PTS Intermittent Suction Unit	4251	5251
PTS Pediatric Intermittent Suction Unit	4271	5271

						
	Adapter (Gas Source Connection)					
Fitting (Patient Connection)	No Adapter w/1/8" NPT Female*	Ohio Diamond*	DISS Hand-I-Twist (HIT)*	Chemetron Rectangle Striker (NCG)*	Puritan Bennett*	Adapter Type
Locking Gland and Overflow Safety Trap* 	8700-2224-905	8701-2224-905 8701-3224-905	8702-2224-905 8702-3224-905	8705-2224-905 8705-3224-905	8707-2224-905 8707-3224-905	Air Oxygen
DISS Male* & Overflow Safety Trap, DISS Wing Nut & Gland 	8700-2224-908	8701-2224-908 8701-3224-908	8702-2224-908 8702-3224-908	8705-2224-908 8705-3224-908	8707-2224-908 8707-3224-908	Air Oxygen

**To order different model - replace middle 4 digits with above. To order different colors, see page 21.



PTS Continuous Vacuum Regulator with Venturi Backpack



PTS Intermittent Suction Unit with Venturi Backpack

Venturi Backpack with Push-To-Set™ Vacuum Regulator

Venturi Backpack with Push-To-Set™ Digital Regulator Colors - Ordering Matrix

Digital/Description	Yellow		Blue		Pink		Red		Lt. Blue		Purple	
	Air	Oxygen	Air	Oxygen	Air	Oxygen	Air	Oxygen	Air	Oxygen	Air	Oxygen
DPTS 3-Mode Continuous Regulator	4Y24	5Y24	4B24	5B24	4K24	5K24	4R24	5R24	4L24	5L24	4U24	5U24
DPTS 2-Mode Continuous Regulator	4Y25	5Y25	4B25	5B25	4K25	5K25	4R25	5R25	4L25	5L25	4U25	5U25
DPTS 3-Mode High Continuous Regulator	4Y26	5Y26	4B26	5B26	4K26	5K26	4R26	5R26	4L26	5L26	4U26	5U26
DPTS 2-Mode High Continuous Regulator	4Y30	5Y30	4B30	5B30	4K30	5K30	4R30	5R30	4L30	5L30	4U30	5U30
DPTS 2-Mode NEO Continuous Regulator	4Y31	5Y31	4B31	5B31	4K31	5K31	4R31	5R31	4L31	5L31	4U31	5U31
DPTS 2-Mode PED Continuous Regulator	4Y34	5Y34	4B34	5B34	4K34	5K34	4R34	5R34	4L34	5L34	4U34	5U34
DPTS Intermittent Suction Unit	4Y51	5Y51	4B51	5B51	4K51	5K51	4R51	5R51	4L51	5L51	4U51	5U51
DPTS Pediatric Intermittent Suction Unit	4Y71	5Y71	4B71	5B71	4K71	5K71	4R71	5R71	4L71	5L71	4U71	5U71



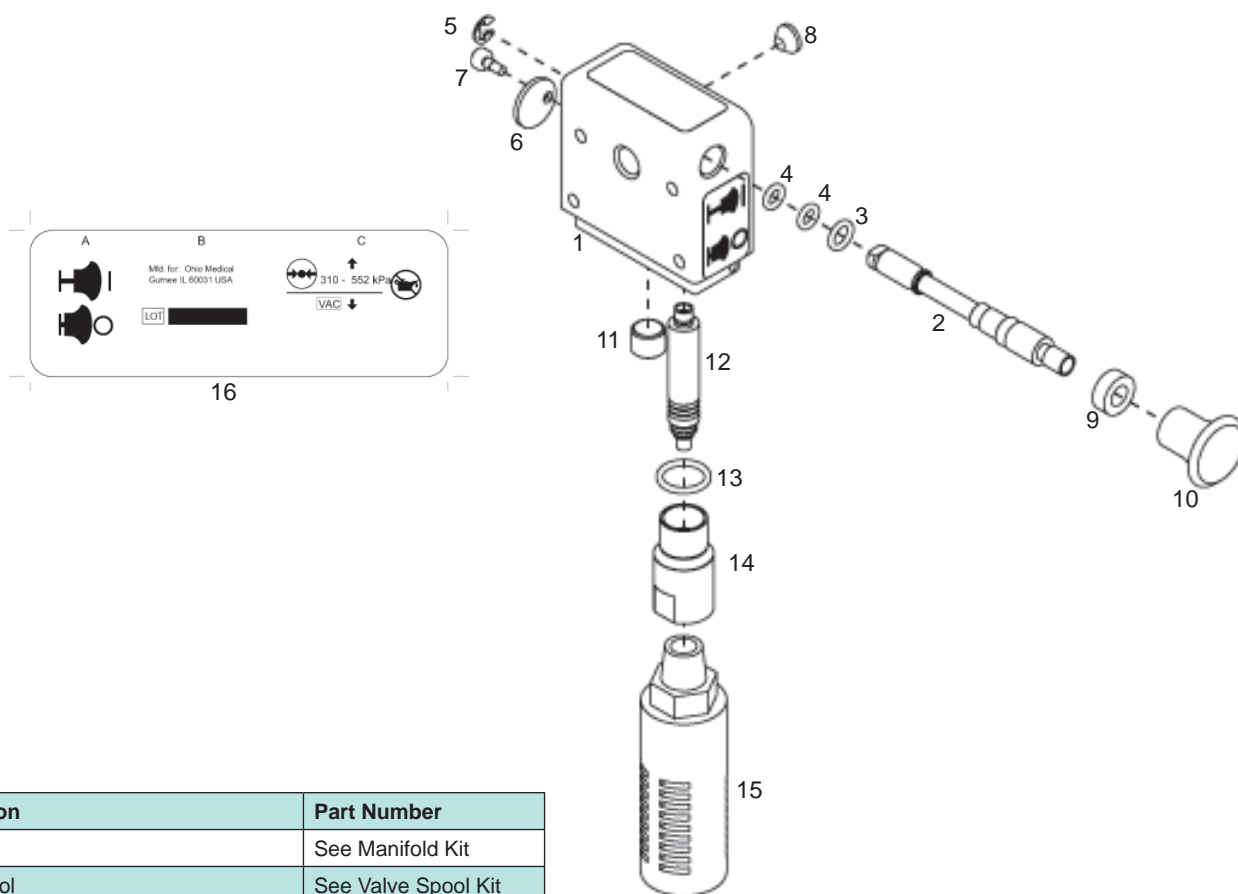
Baffle Only
6700-0310-500

Venturi Backpack Ejector
Module*
6700-0690-800

* MR Conditional (see note on page 3)

Venturi Backpack

Venturi Backpack Illustrated Parts and Service Kits



	Description	Part Number
1.	Manifold	See Manifold Kit
2.	Valve Spool	See Valve Spool Kit
3.	Large Valve O-Ring	See Valve Spool Kit and/or O-Ring Kit
4.	Small Valve O-Ring	See Valve Spool Kit and/or O-Ring Kit
5.	Retaining Ring	6600-1168-400
6.	Relief Valve	6700-0311-500
7.	Relief Valve Screw	6700-0220-400
8.	Inlet Filter	6700-0009-300
9.	Spacer	See Valve Spool Kit
10.	Knob	See Valve Spool Kit
11.	Plug	0413-3510-335
12.	Venturi Pump (2 pack)	6700-0664-850
13.	Adapter O-Ring	See O-Ring Kit
14.	Adapter	6700-0308-500
15.	Muffler 4 Pack	6700-0310-500 6700-0668-850
16.	Label Kit	6700-0672-850

Parts not shown

	CVR 1/8 x 1/8 NPT mounting adapter	6700-0561-800
	Mounting Gasket/Thoracic	6700-0313-500
	Mounting Gasket/ISU	6700-0312-500
	Mounting Screws/Thoracic	6700-0219-400
	Mounting Screws/ISU	6700-0153-400

Service Kits	
Valve Spool Kit (Includes spool, large valve o-ring, (2) small valve o-rings, retaining ring, knob, spacer; o-rings, knob & spacer installed)	6700-0665-850
O-Ring Kit (Includes large o-ring (2) small valve o-rings and adapter o-ring)	6700-0666-850
Service Mounting Kit - Thoracic (Includes Thoracic gasket, (2) mounting screws)	6700-0669-850
Service Mounting Kit - ISU (Includes ISU gasket, (4) mounting screws)	6700-0670-850
Manifold Kit (Includes label, manifold and inlet filter)	6700-0667-850

Continuous Vacuum Regulator (ANSI)

DESCRIPTION AND APPLICATION

Ohio Medical Continuous Vacuum Regulators (CVR) provide regulated, continuous suction for tracheal and pharyngeal airway management, surgical procedures, and continuous nasogastric drainage. The Continuous Vacuum Regulator is compact, lightweight and specially designed to be both durable and serviceable. An industry standard, it includes several models and convenient features designed to improve suctioning procedures and enhance clinical practice throughout the hospital. Modular design makes maintenance and repairs both quick and easy.

The Three Mode, Two Mode and Three Mode High Continuous models provide adjustable vacuum from zero to full-line vacuum. Both the Three Mode and Three Mode High units offer a MAX mode which provides unrestricted full-line vacuum for emergencies. The Low model includes a negative pressure limiting valve to limit maximum negative pressure to 140 mmHg. Three specialized gauges are supplied. Both the Three Mode and Two Mode units feature a large 0-200 mmHg range gauge with color-coded low, medium, high and full-vacuum ranges. Each gauge has glow-in-the-dark increments and needle. The gauge for the Low unit is color-coded to indicate its special low range (0-160 mmHg). The High model is also color-coded for high vacuum and reports the full range of available vacuum from 0 -760 mmHg.

For patient safety in case of accidental connection to a positive pressure gas, these regulators are equipped with a positive pressure relief valve.

FEATURES AND BENEFITS

- **Compact and Lightweight**
Easy to handle
Reduces stress on outlet
- **Mode Selector Toggle Switch**
Positive action toggle
Easy to grasp and use
Optional MAX Mode
- **Suction Control Knob**
Easy to grasp, adjust and clean
Molded one-piece construction
- **Positive Pressure Safety Relief Valve**
Vents positive pressure to protect patient and regulator if accidentally connected to pressurized gas (O₂, air, etc.)
- **Modular Components**
Simplifies service procedures
Low cost replacement parts and kits
- **Strong, Break-Resistant Case**
Minimizes cracking, crazing
Durable
Gas sterilizable
- **Full Ten-Year Parts and Labor Warranty**
- **Pressure limiting valve (Low model) limits level of negative pressure at 140 mmHg.**



Standard Three Mode Continuous
• 0-200 mmHg Gauge



Two Mode Low Continuous
• 0-160 mmHg gauge



Three Mode High Continuous
• 0-760 mmHg gauge



Standard Two Mode Continuous
• 0-200 mmHg gauge

Standard Three Mode Continuous

- Modes: I (ON), O (OFF), MAX
- Gauge: Standard (0-200 mmHg - Full Vacuum)
- Color Band: Low, Medium, High & Full Vacuum
- Regulated Vacuum: 0 - Full Vacuum
- Instantaneous MAX Vacuum mode

Standard Two Mode Continuous

- Modes: I (ON), O (OFF)
- Gauge: Standard (0-200 mmHg - Full Vacuum)
- Color Band: Low, Medium, High & Full Vacuum
- Regulated Vacuum: 0 - Full Vacuum

Low Continuous

- Modes: I (ON), O (OFF)
- Gauge: Low Vacuum (0-160 mmHg)
- Color Band: Low, Medium, High
- Regulated Vacuum: 0-140 mmHg
- Safety Relief Valve

High Continuous

- Modes: I (ON), O (OFF), MAX
- Gauge: High Vacuum (0-760 mmHg)
- Color Band: Solid orange
- Regulated Vacuum: 0 - Full Vac
- Instantaneous Full Vacuum Mode
- Recommended for OR/ER use

Ordering Options

- Available in various configurations to include adapters for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

TECHNICAL SPECIFICATIONS**Flow Rate**

0-80 Lpm without fittings at full increase

Gauge Accuracy

± 5% Full Scale Deflection

Dimensions

5.7"H x 3.0"W x 3.8"D
(17.8 x 7.62 x 10.16 cm)

Weight

11 oz (0.289 Kg.)

Warranty

Ten years

F.O.B. Point

Gurnee, IL USA

Standards

Confirms to ISO 10079-3 and ASTM F960

* Specifications are nominal, subject to change without notice.

PURCHASING SPECIFICATIONS

Continuous Vacuum Regulator with Standard, Low or High gauge for use with all common suction therapy procedures. Regulator shall provide continuous, regulated suction from a piped vacuum system. Gauge is calibrated in mmHg with glow-in-the-dark increments and needle and is protected with a snap-fit lens. Suction Control Knob is large and unobstructed. Mode Selector Switch has a toggle action for easy, positive selection which shows the selected mode from a distance. Components are modular for ease of replacement. Vacuum regulator is compact, lightweight and made of strong, break-resistant plastic. It shall be equipped with specified adapter, fitting and accessories. Regulator Module and Gauge are interchangeable with Ohio Medical Intermittent Suction Unit (ISU).

ORDERING INFORMATION

See Vacuum Regulator configuration sheet or Suction & Oxygen Therapy Product Catalog for part numbers and configurations.

SHIPPING INFORMATION**Shipping weight**

1 lb. 6 oz. (0.62 Kg) less fittings and adapters

Package Size

10.3" H x 7.8" W x 6.8" D
(26 H x 19.6 W x 17 D cm)

Packaging: One per carton

Terms: net 30 days

For more information, contact your Ohio Medical Sales Specialist or authorized agent.

Ohio Medical Corporation
1111 Lakeside Drive
Gurnee, IL 60031-4099 USA
P: 866-549-6446
P: 847-855-0800
F: 847-855-6218
www.ohiomedical.com

Form No. SOT101R5US 09/2007

 **Ohio**
Medical Corporation™
always there | for life

Intermittent Suction Unit (ANSI)

DESCRIPTION AND APPLICATION

The Ohio Medical Intermittent Suction Unit (ISU) is a combination continuous and intermittent regulator for use with hospital pipeline vacuum systems. It provides the versatility of an intermittent mode for nasogastric drainage and a continuous mode for tracheal, pharyngeal, or surgical suctioning. In the intermittent mode, the unit uses a pneumatic logic device to alternately turn the suction "ON" and "OFF." This unique Unilogic Module sets the industry standard for providing a quiet and reliable means of cycling the regulator. The unit is equipped with independent controls to adjust the duration of the "ON" and "OFF" cycles, the level of vacuum, and the rate of flow.

The regulator also provides continuous vacuum, adjustable over the full range of available vacuum, to meet all clinical continuous suction requirements.

The Intermittent Suction Unit is classified as a high vacuum/high flow regulator.

FEATURES AND BENEFITS

• Unilogic Module

Pneumatic

Quiet, reliable operation

Returns to atmospheric pressure during "OFF" cycle

• Fully Adjustable

Timing cycles

• 3 to 30 seconds

• "ON" and "OFF" independently adjustable

• Factory preset at 15 seconds on/8 seconds off (begins in the off mode)

Flow rates

• (Intermittent) 0 to 13 L/min, preset at 8 L/min (ASTM)

• (Continuous) 0 to 80 L/min (not adjustable)

• Large, Easy to Read Gauge

Color coded ranges

5 mmHg increments

Glow-in-the-dark gauge increments and needle

Accuracy \pm 5% full scale



Intermittent Suction Unit (ISU)

• 0-200 mmHg

• Modular Components

Simplifies service procedures

Low cost replacement parts and kits

• Durable Design and Construction

Few mechanical parts

Rugged, shatter-resistant case

• Industry standard for over 25 years

• Ten year parts and labor warranty

• Ordering Options

Available in various configurations to include adapters for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

SPECIFICATIONS***Flow Rate**

Intermittent – 0-13 L/min (preset at 8 L/min per ASTM)
Continuous – 0-80 L/min (not adjustable) without fittings
at full increase

Timing

3 to 30 seconds
Independent on and off
Preset 15 seconds on/8 seconds off
Begins in the "OFF" mode

Vacuum Range

0 to full range of available vacuum

Gauge Range

0-200 mmHg and full vacuum

Gauge Accuracy

±10 mmHg or ±5% Full Scale Deflection

Dimensions

6.6" H x 3.5" W x 4.8" D
(16.8 x 8.9 x 12.2 cm)

Weight

1 lb 11oz (0.781 Kg)

Warranty

Ten Years

F.O.B. Point

Gurnee, IL

Standards

Conforms to ISO 10079-3 and ASTM F960

* Specifications are nominal, subject to change without notice.

PURCHASING SPECIFICATIONS

Intermittent Suction Unit (ISU) with mode selection for intermittent, off and continuous suction. Intermittent mode utilizes a pneumatic logic device to cycle the unit automatically, returning the system to atmosphere in the "OFF" cycle and from 0 to Full vacuum in the "ON" cycle. Timing cycles are adjustable from 3 to 30 seconds. Intermittent flow rate shall be adjustable from 0 to 13 Lpm, preset at 8 Lpm. Both mode selector and vacuum regular controls are lockable. The regulator module and gauge assembly are interchangeable with the Continuous Vacuum Regulator. Gauge face has color coded ranges, glow in the dark needle and increments.

- Dual Modes – intermittent and continuous
- Quiet, reliable operation
- Dependable, time tested gauge and controls
- Provides full vacuum regulation
- Low maintenance, easy to service
- Low cost replacement parts and kits

ORDERING INFORMATION

See Vacuum Regulator Configuration Sheet or Suction & Oxygen Therapy Product Catalog for part numbers and configurations.

SHIPPING INFORMATION**Shipping Weight**

2 lbs, 7 oz. (1.1 kg)

Package Size

8" H x 3.5" W x 4.7" D
(20.3 x 8.9 x 12 cm)

Packaging

One per carton

Terms

Net 30 days

Pediatric Intermittent Suction Unit (ANSI)

DESCRIPTION AND APPLICATION

The Ohio Medical Pediatric Intermittent Suction Unit (PED-ISU) is a medical suction device designed to deliver continuous or intermittent controlled vacuum from a hospital pipeline vacuum system. It provides the versatility of an intermittent mode for nasogastric drainage and a continuous mode for tracheal, pharyngeal, or surgical suctioning. The Pediatric model is designed to prevent vacuum adjustment above a pre-set vacuum limit level. This device is ideal for neonatal and pediatric patients or sensitive applications where limiting the peak vacuum level is important. The intermittent mode uses a pneumatic logic device to turn the suction "ON" and "OFF" automatically. This unique Unilogic timing module sets the industry standard for quiet, reliable, controlled intermittent suction. The Pediatric model is adjustable from 0-150 mmHg, to meet most low clinical suction requirements. It also contains a positive pressure relief to reduce potential injury to the patient and equipment if momentarily attached to a positive pressure gas source.

The Pediatric Intermittent Suction Unit is a low vacuum/high flow regulator.



FEATURES AND BENEFITS

- **Baby Icon indicates Pediatric/Limited Model**

- **Vacuum Control**

Fully adjustable vacuum level from 0-150 mmHg
Peak vacuum limit adjustable from 80-150 mmHg, factory preset to 135 mmHg

- **Unilogic Timing Module**

Pneumatic, quiet, reliable operation
Returns to atmospheric pressure during "OFF" cycle
Timing cycles

- Independently adjustable 3 to 30 seconds "ON" and "OFF" cycles
- Factory preset at 15 seconds on/8 seconds off (begins in the off mode) Flow rates

- **Flow Rates**

(Intermittent) 0 to 13 L/min, preset at 8 L/min (ASTM)
(Continuous) 0 to 80 L/min (not adjustable)

- **Large, Easy to Read Gauge**

Color coded ranges
5 mmHg increments
Glow-in-the-dark gauge increments and needle
Accuracy $\pm 5\%$ full scale

Pediatric Intermittent Suction Unit (PED-ISU)

- **Positive pressure and safety relief valve**

- **Modular Components**

Simplifies service procedures
Low cost replacement parts and kits

- **Durable Design and Construction**

Few mechanical parts
Rugged, shatter-resistant case

- **Ten year parts and labor warranty**

- **Ordering Options**

Available in various configurations to include adapters for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

SPECIFICATIONS***Flow Rate**

Intermittent – 0-13 L/min (preset at 8 L/min per ASTM)
Continuous – 0-80 L/min (not adjustable) without fittings
at full increase

Timing

3 to 30 seconds
Independent on and off
Preset 15 seconds on/8 seconds off
Begins in the "OFF" mode

Vacuum Range

0-150 mmHg

Gauge Range

0-160 mmHg

Gauge Accuracy

±10 mmHg or ±5% Full Scale Deflection

Dimensions

6.6" H x 3.5" W x 4.8" D
(16.8 x 8.9 x 12.2 cm)

Weight

1 lb 12oz (0.793 Kg)

Warranty

Ten Years

F.O.B. Point

Gurnee, IL

Standards

Conforms to ASTM F960

* Specifications are nominal, subject to change without notice.

PURCHASING SPECIFICATIONS

The Pediatric Intermittent Suction Unit has intermittent, off and continuous suction mode selection. The vacuum level is adjustable from 0-150 mmHg with a peak vacuum limit that can be set from 80-150 mmHg (preset at 135 mmHg). Intermittent mode utilizes a pneumatic logic device to cycle the unit automatically, returning the system to atmosphere in the "OFF" cycle and regulated vacuum during the "ON" cycle. Timing cycles are adjustable from 3 to 30 seconds. Intermittent flow rate shall be adjustable from 0 to 13 Lpm, preset at 8 Lpm. The mode selector control knob is lockable. The cover has a baby icon to indicate the Pediatric model. It has a pediatric color coded gauge indicating the low vacuum range with glow-in-the-dark increments and needle. The Pediatric model contains a positive pressure relief to reduce potential injury to the patient and equipment if momentarily attached to a positive pressure gas source.

- Peak Vacuum Limit
- Dual Modes - intermittent and continuous
- Quiet, reliable operation
- Provides vacuum regulation from 0-150 mmHg
- Low maintenance, easy to service
- Low cost replacement parts and kits

ORDERING INFORMATION

See Vacuum Regulator Configuration Sheet or Suction & Oxygen Therapy Product Catalog for part numbers and configurations.

SHIPPING INFORMATION**Shipping Weight**

2 lbs 8 oz (1.1 Kg) less fittings and adapters

Package Size

8" H x 3.5" W x 4.7" D
(20.3 x 8.9 x 12 cm)

Packaging

One per carton

Terms

Net 30 days

Surgical/Free-Flow Vacuum Regulator (ANSI)



High Surgical/Free-Flow
• 0-760 mmHg gauge



Standard Surgical/Free-Flow
• 0-200 mmHg gauge with Full Vac

DESCRIPTION AND APPLICATION

The Ohio Medical™ Surgical/Free-Flow (SFF) Vacuum Regulator is specifically designed to provide high flow rates and minimal maintenance in the Operating Room and anywhere high levels of suction are used. It provides reliable, full-range aspiration for all continuous-flow suction procedures and is equipped with many convenient, easy to use features to facilitate surgical and/or emergency suctioning.

Surgical/Free-Flow's exclusive straight-through regulating mechanism replaces the complex vacuum circuitry existing in all other regulators. It provides high flows up to 150 L/min and prevents build-up of aerosols and lint that clog other regulators. Optional standard and high vacuum gauges suit this regulator to a wide range of applications.

The high model may also be used as a diagnostic tool to test maximum pressure from wall outlets.

FEATURES AND BENEFITS

- **Straight-through Suction Control**
Provides unrestricted, high flow rates up to 150 L/min
Reduces clogging, downtime
- **Full Range Regulation**
Regulates through full range of available vacuum
Automatically self-adjusting
Choice of controlled or wide open suction
- **Large, Easy to Read Gauge**
Standard and High vacuum gauges
Glow in the dark increments and needle
Accuracy +/- 5% full scale
- **Quick Flip ON/OFF Switch**
Observable "ON" position
Turns on to preset level Turns off with elbow (when scrubbed)
- **Diagnostic Window**
Direct observation of mechanical workings
Fast, simple access for cleaning or repairs
- **Large Control Knob**
Easy to regulate
Fast response; one turn from OFF to Full Vacuum
- **Durable Design and Construction**
Few mechanical parts
Rugged, break-resistant case
- **Ten Year Parts and Labor Warranty**
- **Ordering Options**
Available in various configurations to include adapter for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

Standard Surgical/Free-Flow

- 0-200 mmHg - Full vacuum gauge
- High flow rates
- Low maintenance, easy to service
- Dependable, time-tested gauge and controls
- Easy-to-read gauge
- Fast response suction control knob
- Quick flip mode control switch

High Surgical/Free-Flow

- 0-760 mmHg - High vacuum gauge
- High flow rates
- Low maintenance, easy to service
- Dependable, time-tested gauge and controls
- Easy-to-read gauge
- Fast response suction control knob
- Quick flip mode control switch

SPECIFICATIONS*

Flow Rate

0-150 Lpm without fittings at full increase

Gauge Accuracy

± 5% Full Scale Deflection

Dimensions

5.7" H x 3.0" W x 3.8" D
(17.8 x 7.62 x 10.16 cm)

Weight

1 lb. 8 oz. (0.680 Kg)

Warranty

Ten Years

Standards

Conforms to ISO 10079-3 and ASTM F960

* Specifications are nominal, subject to change without notice.

PURCHASING SPECIFICATIONS

Vacuum regulator with color coded Standard (0-200-Full) or High (0-760 mmHg) gauge, each calibrated in mmHg. Regulator provides continuous, regulated suction from a piped vacuum system. Regulating mechanism is physically isolated from the suction flow path (regulating bar and silastic tubing). Unit provides instantaneous ON/OFF positions. Control knob regulates vacuum levels from zero to full line vacuum in one complete turn. Gauge reports vacuum levels from zero to full-line vacuum. Regulators are equipped with specified adapter and/or fitting.

SHIPPING INFORMATION

Shipping Weight

2 lbs 3 oz. (0.9 Kg)

Package Size

10.3" H x 7.8" W x 6.8" D
(26H x 19.6W x 17D cm)

Packaging

One per carton

F.O.B. Point

Gurnee, IL

Parts Configuration

67 XX - XXXX - 9 XX

Adapter (vacuum source connection)

No Adapter with 1/8" NPT Female	00
Ohio Diamond	01
DISS Hand-I-Twist (HIT)	02
DISS Nut & Gland	03
Schrader	04
Chemetron Rectangle Striker (NCG)	05
Puritan-Bennett	07
O.E.S. Twist	08
O.E.S. Med Star	09
90° Tubing Nipple	11

Fittings (patient connection)

No Fitting 1/8" NPT Female	00
Tubing Nipple	01
1/2 Gallon Collection Bottle	02
Locking Gland	04
Locking Gland & Overflow Safety Trap	05
DISS Male	07
DISS Male & Overflow Safety Trap, DISS Wing Nut & Gland	08
Pole Mount Bracket with Locking Gland & Overflow Safety Trap	26

Surgical/Free Flow Vacuum Regulator - Standard Gauge	1246
Surgical/Free Flow Vacuum Regulator - High Gauge	1247

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Form No. SOT103 (Rev.6) 02/2008